



SPECIFICATIONS DC3

FEATURES

- Dual 12-in woofers maximize LF output
- Horn-loaded 8-in cone mid frequency section
- Horn-loaded 1-in exit/1.75-in voice coil HF compression driver
- Cutaway rear corner directs coverage down from a position close to the ceiling
- High-output system designed to deliver the extreme level requirements of high energy dance clubs

DESCRIPTION

The DC3 is engineered for use in permanent installations. The system includes two 12-in woofers in an optimally vented enclosure, a horn-loaded 8-in cone, and a 1-in exit/1.75-in voice coil compression driver on a 90° (h) x 40° (v) dispersion constant directivity horn.

A complex asymmetrical internal passive crossover/filter network provides MF/HF subsystem integration. An MX Series Close Coupled Processor™ should integrate the LF and MF/HF subsystems.

APPLICATION

The DC3 bi-amplified three-way dance club system provides high output, high definition reinforcement for medium sized clubs. Overall design is robust to ensure reliability in the face of continuous peak output operation.

The DC3 is designed for overhead mounting in a horizontal configuration to cover medium-sized dance floors or other spaces within clubs. Its cutaway upper-rear corner allows it to tuck up next to the ceiling while angling its coverage down 20°. The enclosure includes balance-optimized threaded mounting points.

Like all EAW products, it can be special ordered in virtually any color to match a specific décor. Six year warranty.

PERFORMANCE

Frequency Response

+3 dB	63 Hz to 18 kHz
-10 dB	50 Hz

Axial Sensitivity (dB SPL, 1 watt @ 1 m)

Passive MF/HF	104
LF	99

Impedance (ohms)

Passive MF/HF	8
LF	4

Power Handling (watts, continuous)

Passive MF/HF	250
LF	800



Calculated Output Limit (dB SPL @ 1 m)

Passive MF/HF Peak	134.0
LF Peak	134.0
Passive MF/HF Long term	128.0
LF Long Term	128.0

Nominal Beamwidth (degrees @ -6 dB SPL)

Horizontal	90
Vertical	40

PHYSICAL

Product Group	Avalon
Configuration	3-way full-range
Powering	Bi-amplified (passive MF/HF crossover)
LF Subsystem	2x 12-in woofers, vented
MF Subsystem	1x 8-in cone, horn-loaded
HF Subsystem	1-in exit/1.75-in voice coil compression driver on CD horn
Enclosure Material	Exterior-grade Baltic birch plywood
Finish	Wear-resistant textured black paint
Connectors	2x Neutrik NL4 Speakon
Suspension Hardware	8x 3/8"-16 threaded mounting points (4 top, 2 per side)
Grille	Zinc coated perforated steel

Dimensions	inches	millimeters
Height (front)	18.8	476
Height (rear)	16.0	407
Width	52.0	1321
Depth	16.0	406

Weights	pounds	kilograms
Net Weight	120	54.5
Shipping Weight	135	61.4

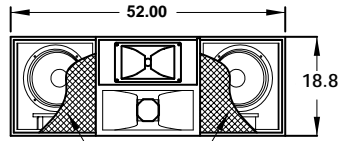




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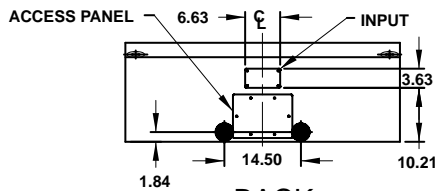
DIMENSIONAL DRAWING

- ⊙ INDICATES MOUNTING POINT, 3/8-16 THREADED HOLE (PI ANGLE).
- INDICATES MOUNTING POINT 3/8-16 THREADED HOLE (NUT PLATE).

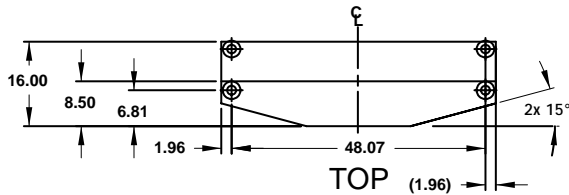


2X GRILLS PARTIALLY SHOWN

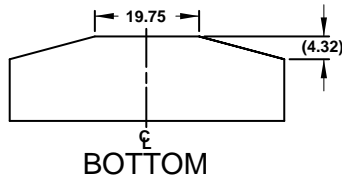
FRONT



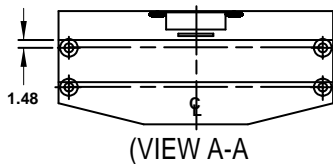
BACK



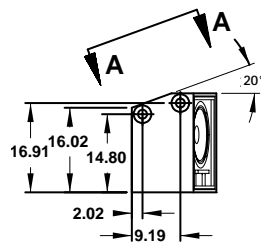
TOP



BOTTOM

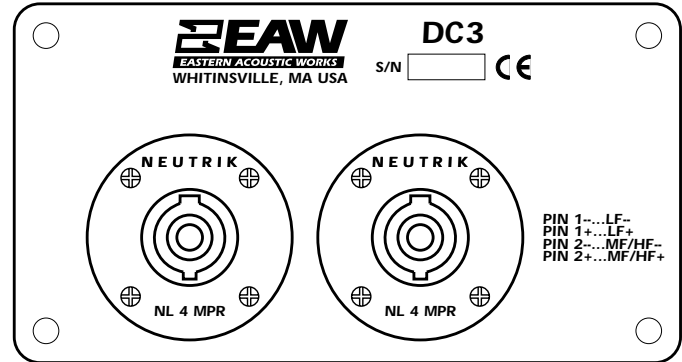


(VIEW A-A)



SIDES

INPUT PANEL



510889 (0)
8/24/99

Manufacturing tolerances are +/- 0.13 and +/- 1°

